Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 03 Jul 2023 until 23:59 on Tuesday 04 Jul 2023

Forecast Issued on Monday 03 Jul 2023 at 01:01

Confidence: Only moderate confidence in the rain and cloud details for the coming few days. Forecast should be monitored for changes.

Headline for Monday 03 Jul 2023: Occasional rain and heavy showers, thundery and most persistent early afternoon.

Mountain weather hazards on Monday 03 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Thundery showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
30%	60%	80%	60%	20%	20%

Forecast for Monday 03 Jul 2023

Weather: Largely dry to start with some bright spells possible. Cloud soon thickening however, with outbreaks of rain moving in from the west by mid-morning. Rain perhaps turning heavy and persistent for a time with the risk of the odd rumble of thunder, but increasingly clearing into the afternoon to leave scattered blustery showers. Showers remaining heavy at times, with the possibility of merging to give longer spells of rain and some potentially thundery downpours, but expected to fade into the evening as winds ease somewhat.

Chance of cloud-free hill tops above 600m: 90% initially, lowering from the west to 60%, but improving once again to 90% into the afternoon.

Low cloud and visibility: Cloud bases above the peaks to start. Cloud soon lowering and thickening, with bases falling to locally 500-600m, especially in the west or around any heavier showers. Visibility starting off good, but likely dropping moderate to poor in rain by the afternoon. Visibility likely improving to good once again into the late afternoon as cloud bases generally lift above all but the higher peaks outside of showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 03 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/25 W	20/27 SW	19/26 SW	21/30 W	25/35 W	17/26 W	17/25 SW
300	15/20 SW	15/23 SW	13/20 SW	15/22 W	19/29 W	12/20 SW	11/19 SW
Valley	9/20 SW	10/21 W	7/16 SW	10/21 W	14/28 W	7/19 W	8/18 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	8/4	9/5	9/5	9/5	8/5	8/4
300	9/6	11/8	11/8	12/9	12/9	11/9	10/7
Valley	10/8	12/10	11/10	13/11	13/10	11/10	10/8
Freezing Level*	1600m	1700m	1900m	1700m	1600m	1600m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day of multiple hazards up on the hills and care should be taken. Feeling cold at height during the morning, particularly as rain sets in. This chilly feel at height persisting into the afternoon though UV levels remain moderate to high in any brightness. Conditions changing quickly as showers pass through, with the risk of strong gusts over exposed tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 03 Jul 2023	0.6mm	3mm	19.4mm

Forecast for Tuesday 04 Jul 2023

Weather: Bright spells and scattered showers persisting on Tuesday, these occasionally heavy with a further risk of thunder. Showers trending lighter and more isolated late afternoon, with late sunshine for much of the park.

Maximum wind: West or southwest 15-20mph, gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: Visibility generally good, dropping to poor in heavier showers. Cloud bases generally above all but the higher peaks outside of showers.

Temperature: **Valleys:** Plus 10 Celsius, rising to Plus 15 Celsius.
At 600m: Plus 7 Celsius, rising to Plus 11 Celsius.
Freezing level: Above summits.

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